

## DECLARATION AND PETITION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled SYSTEM AND METHOD FOR VARYING LOW AUDIO FREQUENCIES INVERSELY WITH AUDIO SIGNAL LEVEL, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application of which priority is claimed.

### Prior Foreign Application(s)

Priority Claimed

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(Number)(Country)(Day, month, year filed) Yes No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

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(Application Serial No.) Filing Date (Status: Patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Please send all correspondence to:  
OPPENHEIMER WOLFF & DONNELLY LLP  
2029 Century Park East, Suite 3800  
Los Angeles, California 90067  
Attn: Sung Oh  
(310) 788-5000

Wherefore I pray that Letters Patent be granted to me for the invention or discovery described and claimed in the foregoing specification and claims, and I hereby subscribe my name to the foregoing specification and claims, declaration, and this petition.

**Full name of sole or first inventor:** Sunil BHARITKAR

INVENTOR'S SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

Residence: 2461 Coolidge Avenue, Los Angeles, California 90064

Citizenship: India

Post Office Address: Same as above

**Full name of second inventor:** Timothy SHUTTLEWORTH

INVENTOR'S SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

Residence: 5102 Calatrana Drive, Woodland Hills, California 91364

Citizenship: U.K.

Post Office Address: Same as above

## MULTIPLE ASSIGNMENT:

## A S S I G N M E N T

WHEREAS, WE, Sunil Bharitkar and Timothy Shuttleworth, the undersigned inventors and the ASSIGNORS herein, have invented a **SYSTEM AND METHOD FOR VARYING LOW AUDIO FREQUENCIES INVERSELY WITH AUDIO SIGNAL LEVEL**, for which an application for Letters Patent of the United States was filed on September 8, 2000 and was given Serial No. 09/658,010; and of which inventions and improvements we are the joint owners; and

WHEREAS, HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, a Delaware corporation, having a place of business at 8500 Balboa Boulevard, Northridge, California 91329, the ASSIGNEE herein, desires to acquire the entire right, title and interest in and to said invention, and application and letters patent to be granted and issued thereon;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) by the ASSIGNEE to each of us paid, and other valuable consideration, the receipt and legal sufficiency of all of which is hereby acknowledged, we, the said ASSIGNORS, have sold and do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said inventions and all improvements thereon, in and to said application for Letters Patent thereon, in and to applications pertaining to or based upon said inventions and applications, including divisional and continuing applications and continuations-in-part, and in and to any and all Letters Patent which may be granted and issued on said inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

And for the above-named considerations, we do hereby agree that we will, at the request of said ASSIGNEE, execute any and all applications for Letters Patent for said inventions and any and all other papers and documents and do all other and further lawful acts that said ASSIGNEE may deem necessary or desirable to obtain Letters Patent on said inventions, to secure the grant of such Letters Patent and to perfect and vest in the ASSIGNEE the entire right, title and interest in the inventions, applications and Letters Patent.

And for the above-named considerations, we do hereby authorize and empower the ASSIGNEE, its successors and assigns, to apply for and obtain, in its or their own names, Letters Patent for the said inventions before competent International Authorities and in any and all

countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

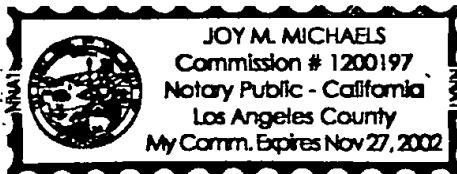
Dated: 11/01/2000

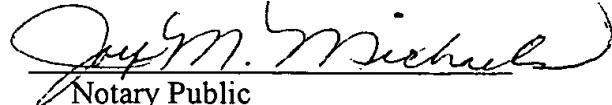
  
 Sunil Bharitkar  
 2461 Coolidge Avenue  
 Los Angeles, California 90064

STATE OF CALIFORNIA )  
 ) ss.  
 COUNTY OF Los Angeles )

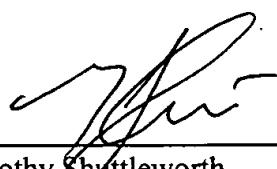
On this 1st day of November, 2000, before me Joy M. Michaels, the undersigned Notary Public, personally appeared SUNIL BHARITKAR, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his authorized capacity, and that by his signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument.

(SEAL)



  
 Joy M. Michaels  
 Notary Public

Dated: 11/6/00

  
 Timothy Shuttleworth  
 5102 Calatrana Drive  
 Woodland Hills, California 91364

STATE OF CALIFORNIA )  
 ) ss.  
 COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me \_\_\_\_\_, the undersigned Notary Public, personally appeared TIMOTHY SHUTTLEWORTH, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his authorized capacity, and that by his signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument.

(SEAL)

  
 Notary Public

